

NATIONAL PARK SERVICE
Zion National Park – Water Year 1994
 372340113113001 La Verkin Creek Below Timber Creek, UT

LOCATION. – Lat 37° 23' 40", Long 113° 11' 30", NW 1/4 Sec. 15, T.39 S., R.12 W., Hydrologic Unit 15010008 in Washington County, Utah.

DRAINAGE AREA. – 52.4 mi².

PERIOD OF RECORD. – May 1992 to current year.

GAGE. – Water-stage recorder and pressure sensor. Elevation of gage is 4,925 feet above Mean Sea Level, based on National Geodetic Vertical Datum of 1929.

REMARKS. – The discharge record is poor due to numerous data corrections.

Discharge, cubic feet per second
 WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994
 DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	4.8	---	---	9.9	7.2	21	6.2	4.1	3.8	4.1
2	---	---	4.6	---	---	12	7.1	19	6.3	4.1	3.8	4.6
3	---	5.1	4.5	---	---	12	7.3	18	6.2	3.7	3.7	5.6
4	---	5.2	4.6	---	---	12	7.4	16	6.0	3.8	3.7	5.1
5	---	5.3	4.6	---	---	12	6.3	14	6.3	3.8	4.0	5.0
6	---	5.0	4.6	---	---	10	6.3	12	6.1	3.8	4.0	5.2
7	---	4.8	4.4	---	---	10	6.3	11	6.1	3.7	4.0	5.4
8	---	5.1	4.4	---	---	8.9	7.2	11	6.0	3.8	4.4	5.2
9	---	5.1	4.1	---	---	7.3	35	13	5.9	3.7	4.1	5.2
10	---	5.2	4.1	---	---	7.0	17	12	5.6	3.7	4.1	5.3
11	---	22	4.2	---	---	7.0	9.7	11	5.6	3.7	4.0	5.2
12	---	17	9.0	---	---	7.3	9.8	12	5.5	3.7	4.1	5.2
13	---	7.3	4.5	---	---	7.4	11	11	5.5	3.7	4.7	5.2
14	---	5.5	4.5	---	---	8.7	11	11	5.3	3.7	4.1	5.3
15	---	4.9	4.7	---	---	5.5	9.6	9.9	9.5	5.3	3.7	4.0
16	---	4.5	4.7	---	5.6	10	9.7	8.5	5.2	3.7	3.9	5.3
17	---	4.7	4.5	---	51	10	10	8.3	4.9	3.8	3.8	5.4
18	---	4.5	4.5	---	26	9.1	10	8.2	4.7	3.8	3.9	5.5
19	---	4.2	4.4	---	9.9	28	9.9	8.4	4.7	3.8	4.6	5.6
20	---	4.2	5.9	---	8.1	18	9.8	8.1	4.7	3.8	4.2	7.3
21	---	4.4	5.7	---	8.0	9.0	9.6	7.6	5.0	3.5	4.9	5.5
22	---	5.0	7.0	---	6.8	8.3	9.0	7.3	4.8	3.5	4.1	5.2
23	---	4.5	---	---	5.7	6.7	8.0	7.1	4.5	3.5	3.9	5.2
24	---	4.1	---	---	7.8	6.3	11	7.1	4.5	3.5	4.1	5.8
25	---	4.8	---	---	13	12	9.7	7.5	4.4	3.4	4.1	5.4
26	---	7.5	---	---	11	8.2	27	9.7	4.3	3.7	4.1	5.3
27	---	4.7	---	---	9.7	6.1	28	25	4.3	4.0	4.1	5.3
28	---	4.3	---	---	9.5	5.6	48	6.8	4.2	4.0	4.1	5.3
29	---	4.4	---	---	---	6.3	40	6.7	4.2	4.0	4.1	5.6
30	---	5.3	---	---	---	6.5	21	6.5	4.2	4.3	4.1	13
31	---	---	---	---	---	6.7	---	8.6	---	4.0	4.1	---
TOTAL	---	---	---	---	297.9	419.2	342.9	156.5	117.0	126.6	167.6	
MEAN	---	---	---	---	9.61	14.0	11.1	5.22	3.77	4.08	5.59	
MAX	---	---	---	---	28	48	25	6.3	4.3	4.9	13	
MIN	---	---	---	---	5.6	6.3	6.5	4.2	3.4	3.7	4.1	
AC-FT	---	---	---	---	591	831	680	310	232	251	332	

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1992 - 1994, BY WATER YEAR (WY)

MEAN	7.45	4.17	---	---	33.2	28.3	39.8	22.8	5.23	4.07	5.50	5.61
MAX	7.45	4.17	---	---	33.2	47.0	65.7	49.1	5.24	4.36	6.91	5.64
(WY)	1993	1993	---	---	1993	1993	1993	1993	1992	1992	1992	1992
MIN	7.45	4.17	---	---	33.2	9.61	14.0	8.32	5.22	3.77	4.08	5.59
(WY)	1993	1993	---	---	1993	1994	1994	1992	1994	1994	1994	1994

SUMMARY STATISTICS

WATER YEARS 1992 - 1994

HIGHEST DAILY MEAN	133	Feb 19 1993
LOWEST DAILY MEAN	2.9	Aug 19 1992
ANNUAL SEVEN-DAY MINIMUM	3.3	Aug 8 1992
10 PERCENT EXCEEDS	49	
50 PERCENT EXCEEDS	5.6	
90 PERCENT EXCEEDS	4.0	